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4 March 1964

MEMORANDUM FOR: Acting Assistant Director,  
Office of Research and Development

SUBJECT: Drell Follow-On Activities

1. Relative to the Lundahl memorandum to DD/S&T, subject: Establishment of a Scientific Investigative Working Team to Determine Standards for Measuring Technical Quality of Aerial Photography

25X1 [ ] I have no quarrel with this document and am, in  
25X1 fact, rather delighted to have [ ] and Lundahl pick up the ball on  
this aspect of things rather than have it go to Westover by default.  
I do object, however, to the fact that ORD is not represented on  
this sub-panel. I have since talked with [ ] about this, and  
25X1 both [ ] have been invited to participate in  
the panel activities.

25X1 2. Relative to the [ ] proposal for a series of measure-  
ments and analyses in certain critical areas of the total C/M system  
as raised in the Drell report, we have asked [ ] to submit a more  
25X1 detailed proposal and have coordinated this with [ ] of  
25X1 OSA, because of the complex interplay of system-funded and NRO  
Program B activities relative to the implementation of this proposal  
and general improvement of the C/M system. In general, I recom-  
mend that this activity be operated by OSA.

25X1 3. The original [ ] proposal by [ ] for rather  
standard edge measurement development activities, as contained  
in the proposed NPIC activity, has been turned over to NPIC and we  
25X1 will have [ ] and his people at [ ] look into some of the  
even more fundamental aspects of the microscopic details of spread  
functions of optical systems and films as related to advanced recon-  
naissance systems wherein extremely high resolution will be even  
more difficult to evaluate in after-the-fact examination of the film.

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4. We are in the process of partially sanitizing three of the Drell reports, one to go to [ ] one to [ ] and one to [ ] It is, of course, most important that the activities contemplated by the Drell report be activated as quickly as possible and it is believed that the mechanisms discussed above will accomplish that.

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5. In terms of over-all control, it appears that the most feasible technique for exercising at least knowledgeable control is to reconstitute the Drell Panel (minus the industrial membership) at a later date, say six months, when it is felt that some progress may have been made in the various areas. This group would meet for a few days and be briefed by the NPIC Edge Measurement Sub-Panel, systems people, targets people, and others such as [ ] [ ] committee. In this reincarnation, rather than rely on Executive Order for authority, it would be better to conduct this as more of a seminar activity rather than have industry people actually as members of a formal panel.

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[ ]  
Deputy Assistant Director  
Office of Research & Development

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